

1c511 U.S. PTO
09/343736



06/30/99

Class 415
Subclass 181.000

ISSUE CLASSIFICATION

U.S. REISSUE PATENT APPLICATION

SCANNED *JW7* O.I.P.E. *WV* Q.A. *WV*

O.G. PUBLICATION DATE *6/2/03*

REISSUE PATENT DATE

APPLICATION NO.	CONT/PRIOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
09/343736	D	416	181	3745	VERDIER

APPLICANTS

DAVID A. SPEAR
BRUCE P. BIEDERMAN
JOHN A. OROSA

TITLE

SWEPT TURBOMACHINERY BLADE

☒ SURRENDER OF ORIGINAL PATENT *CV* (Exr. Initials) *5,642,905*
PREPARED AND APPROVED FOR ISSUE

PTO-2040
12/99

ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
415	181.000	416	238	242			
INTERNATIONAL CLASSIFICATION							
F01D	514						

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed. <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of Pat. No. _____. <input type="checkbox"/> The terminal _____ months this patent have been disclaimed.	DRAWINGS Sheets Drwg. <i>7</i> Figs. Drwg. <i>7</i> Print Fig. <i>2,6</i>			CLAIMS ALLOWED Total Claims <i>37</i> Print Claim for O.G. <i>20</i>	
	_____ (Assistant Examiner) _____ (Date)			NOTICE OF ALLOWANCE MAILED	
	_____ CHRISTOPHER VERDIER PRIMARY EXAMINER ART UNIT 3745 _____ (Primary Examiner) _____ (Date) <i>6/18/02</i>			ISSUE FEE Amount Due _____ Date Paid _____	
FINAL SPRE REVIEW _____ (INITIALS)	_____ (Legal Instruments Examiner) _____ (Date) <i>7/22/02</i>			ISSUE BATCH NUMBER	

WARNING:
The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 360. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-2008
(Rev. 10/97)

(LABEL AREA)

(FACE)

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MD

SERIAL NUMBER 09/343,736 REISSUE	FILING DATE 06/30/99	CLASS 416	GROUP ART UNIT 3745	ATTORNEY DOCKET NO. 3600.100
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APPLICANT

DAVID A. SPEAR, EAST HARTFORD, CT, DECEASED; BY DENNIS N. KANTOR,
EAST HARTFORD, CT, LEGAL REPRESENTATIVE; BRUCE P. BIEDERMAN,
WEST HARTFORD, CT; JOHN A. OROSA, PALM BEACH GARDENS, FL.

CONTINUING DOMESTIC DATA***

VERIFIED THIS APPLN IS A RE OF 08/559,965 11/17/95 PAT 5,642,985

checked w

371 (NAT'L STAGE) DATA***

VERIFIED

none w

FOREIGN APPLICATIONS***

VERIFIED

none w

RECEIVED
OCT 25 1999
TECHNOLOGY CENTER 3700

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 07/23/99

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY CT	SHEETS DRAWING 7	TOTAL CLAIMS 21	INDEPENDENT CLAIMS 7
Verified and Acknowledged Examiner's Initials <u>W</u> Initials _____					

ADDRESS

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40 NASSAU STREET
PRINCETON NJ 08542

TITLE

SWEPT TURBOMACHINERY BLADE

FILING FEE RECEIVED \$1,684	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for the following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
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PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998

Application or Docket Number

09/343736

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE		
TOTAL CLAIMS 3	41 minus 20 = *	21
INDEPENDENT CLAIMS 2	9 minus 3 = *	7
MULTIPLE DEPENDENT CLAIM PRESENT		

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	* 43	Minus ** 41	= 2
Independent	* 9	Minus *** 7	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus **	=
Independent	*	Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus **	=
Independent	*	Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3
 - ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
 - *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

RATE	FEE
	380.00
X\$ 9=	
X39=	
+130=	
TOTAL	

RATE	FEE
	760.00
X\$18=	378.
X78=	546
+260=	
TOTAL	1684

SMALL ENTITY

OR OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X\$ 9=	
X39=	
+130=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	36.
X78=	
+260=	
TOTAL ADDIT. FEE	36.

RATE	ADDITIONAL FEE
X\$ 9=	
X39=	
+130=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X78=	
+260=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X39=	
+130=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X78=	
+260=	
TOTAL ADDIT. FEE	

PATENT APPLICATION



09343736

1c511 U.S. PTO

09/343736



06/30/99

INITIALS _____

CONTENTS

revised
ABANDONED

D = 8/31/99

Date received
(Incl. C. of M.)
or
Date Mailed

Date received
(Incl. C. of M.)
or
Date Mailed

1. Application 1 papers.

2. (OPE) CTR.

8/18/99

3. IDS

1-5-00

4. Declaration

1-5-00

5. REJECTION (3)

10/16/00

6. Ex. Interview Summary April 2, 2001

7. Ext of Time (3)

4-11-01

8. Amndt A Declaration

4-11-01

9. IDS

4-11-01

10. Supplemental Amndt B

May 30, 2001

11. FINAL REJECTION (3)

6-8-01

12. Ext of Time (3)

11-28-01

13. Amndt C (see) IDS

11-28-01

14. Priority Papers

11-28-01

15. Advisory Action

1-8-02

16. ABANDONED

1-8-02

17. petition 1-137(b)

1-4-02

18. Notice of appeal

1-4-02

19. Petition Granted

1-29-02

20. Supplemental Decl.

2-28-02

21. Supplemental Decl.

3-13-02

22. Supplemental Decl.

5-2-02

23. Notice of allowance

7/12/02

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